

What is claimed is:

1. A method of backing up and recovering data in a data processing system, comprising:
  - selecting files to be backed up, and determining where to save the selected files;
  - loading a project file to manage backup information on the selected files;
  - building a baseline in the project file;
  - backing up the selected files with the baseline, and updating a backup file database including information on storage addresses where the selected files are saved; and
  - completing data backup by saving an updated backup file database in the project file.
2. The method according to claim 1, wherein the baseline includes information on time of when the data backup is performed and information on the selected files to be backed up.
3. The method according to claim 2, wherein in a case that there is a changed or new created file in the data processing system after the data backup is performed, the updating the backup file database includes logically linking the storage addresses of unchanged files of the selected files.
4. The method according to claim 1, wherein the loading the project file includes creating the project file to manage the backup information on the selected file, and the updating the backup file database includes creating the backup file database including the information on the storage addresses.
5. The method according to claim 2, after the data backup is performed, further comprising:
  - loading the project file;
  - selecting the baseline related to the selected files to be recovered among baselines of the project file; and
  - recovering the selected files recorded in the backup file database based on the selected baseline.
6. The method according to claim 3, after the data backup is performed, further

comprising:

- loading the project file;
- selecting the baseline related to the selected files to be recovered among baselines of the project file; and
- recovering the selected files recorded in the backup file database based on the selected baseline.

7. The method according to claim 4, after the data backup is performed, further comprising:

- loading the project file;
- selecting the baseline related to the selected files to be recovered among baselines of the project file; and
- recovering the selected files recorded in the backup file database based on the selected baseline.

8. A machine-readable medium that provides instructions, which, when executed by a machine, cause the machine to perform operations for backing up and recovering data in a data processing system comprising:

- selecting files to be backed up, and determining where to save the selected files;
- loading a project file to manage backup information on the selected files;
- building a baseline in the project file;
- backing up the selected files with the baseline, and updating a backup file database including information on storage addresses where the selected files are saved; and
- completing data backup by saving an updated backup file database in the project file.

9. The machine-readable medium of claim 8, wherein the baseline includes information on time of when the data backup is performed and on the selected files to be backed up.

10. The machine-readable medium of claim 9, wherein in a case that there is a changed or new created file in the data processing system after the data backup is performed, the updating the backup file database includes logically linking the storage addresses of unchanged files of the selected files.

11. The machine-readable medium of claim 8,  
wherein the loading the project file includes creating the project file to manage the  
backup information on the selected file, and  
wherein the updating the backup file database includes creating the backup file  
database including the information on the storage addresses.

12. The machine-readable medium of claim 9, wherein the instructions cause the  
machine, after the data backup is performed, to perform operations further comprising:  
loading the project file;  
selecting the baseline related to the selected files to be recovered among baselines of  
the project file; and  
recovering the selected files recorded in the backup file database based on the selected  
baseline.

13. The machine-readable medium of claim 10, wherein the instructions cause the  
machine, after the data backup is performed, to perform operations further comprising:  
loading the project file;  
selecting the baseline related to the selected files to be recovered among baselines of  
the project file; and  
recovering the selected files recorded in the backup file database based on the selected  
baseline.

14. The machine-readable medium of claim 11, wherein the instructions cause the  
machine, after the data backup is performed, to perform operations further comprising:  
loading the project file;  
selecting the baseline related to the selected files to be recovered among baselines of  
the project file; and  
recovering the selected files recorded in the backup file database based on the selected  
baseline.

15. A method of backing up data, comprising:  
building a first baseline comprising information on when a backup of a first plurality of  
files will occur;  
recording, in a first backup file database that is associated with the first baseline, storage

addresses of the first plurality of files to be backed up and an index of the first plurality of files to be backed up; and

logically linking the first backup file database to a second backup file database that is associated with a second baseline, wherein the second backup file database comprises storage addresses of a second plurality of files that have been previously backed up and an index of the second plurality of files that have been previously backed up, and wherein the first baseline is different from the second baseline.

16. The method of claim 15, wherein the information on when a backup of the first plurality of files will occur comprises at least one of a time and a date.

17. A machine-readable medium that provides instructions, which, when executed by a machine, cause the machine to perform operations for backing up data comprising:

building a first baseline comprising information on when a backup of a first plurality of files will occur;

recording, in a first backup file database that is associated with the first baseline, storage addresses of the first plurality of files to be backed up and an index of the first plurality of files to be backed up; and

logically linking the first backup file database to a second backup file database that is associated with a second baseline, wherein the second backup file database comprises storage addresses of a second plurality of files that have been previously backed up and an index of the second plurality of files that have been previously backed up, and wherein the first baseline is different from the second baseline.

18. The machine-readable medium of claim 17, wherein the information on when a backup of the first plurality of files will occur comprises at least one of a time and a date.

19. A method of recovering backed-up data, comprising:

selecting a first baseline comprising information on when a first plurality of files were backed-up;

determining storage addresses of the first plurality of files from a first backup file database that is associated with the first baseline;

determining storage addresses of a second plurality of files that were backed-up from a second backup file database that is associated with a second baseline, wherein the first

baseline is different than the second baseline, and wherein the second backup file database is logically linked to the first backup file database; and

recovering the first plurality of files and the second plurality of files.

20. The method of claim 19, wherein the information on when the first plurality of files were backed-up comprises at least one of a time and a date.

21. A machine-readable medium that provides instructions, which, when executed by a machine, cause the machine to perform operations for recovering backed-up data comprising:

selecting a first baseline comprising information on when a first plurality of files were backed-up;

determining storage addresses of the first plurality of files from a first backup file database that is associated with the first baseline;

determining storage addresses of a second plurality of files that were backed-up from a second backup file database that is associated with a second baseline, wherein the first baseline is different than the second baseline, and wherein the second backup file database is logically linked to the first backup file database; and

recovering the first plurality of files and the second plurality of files.

22. The machine-readable medium of claim 21, wherein the information on when the first plurality of files were backed-up comprises at least one of a time and a date.